

CURRICULUM VITAE

Jerry S. Wolinsky, M. D.

May 27, 2003

PRESENT TITLE

Professor of Neurology, The University of Texas Health Science Center at Houston,
School of Medicine, July, 1983 - .
Bartels Family Professorship in Neurology, June, 1999 - .
Member of Graduate Faculty, The University of Texas Health Science Center at Houston,
Graduate School of Biomedical Sciences, January, 1984 - .

ADDRESS

The University of Texas - Houston, Health Science Center
Department of Neurology, MSB 7.044
6431 Fannin Street,
Houston, Texas 77030

UNDERGRADUATE EDUCATION

Illinois Institute of Technology, Chicago, Illinois.

GRADUATE EDUCATION

University of Illinois College of Medicine, Chicago, Illinois.

POSTGRADUATE EDUCATION

June 1969 - July 1970, Rotating Internship: Mt. Zion Hospital and Medical Center, San Francisco, California.
July 1970 - June 1972, Resident in Neurology: University of California, San Francisco, California.
July 1972 - June 1973, Chief Resident in Neurology: University of California, San Francisco, California.
July 1973 - June 1975, Resident Clinical Associate in Neuropathology: Veterans Administration Hospital, San Francisco, California.

MILITARY SERVICE

December 1970 - September 1977, USA Reserve, Hamilton Reserve Center, California;
Commander 147th Medical Detachment, Presidio of San Francisco, California,
1971-1974.

PAST ACADEMIC APPOINTMENTS

- July 1973 - June 1975, Instructor in Neurology, University of California, San Francisco, California.
- July 1975 - June 1978, Assistant Professor of Neurology, University of California, San Francisco, California.
- July 1975 - June 1978, Research Associate, Veterans Administration Hospital, San Francisco, California.
- June 1978 - June 1983, Associate Professor of Neurology, The Johns Hopkins University School of Medicine, Baltimore, Maryland.
- July 1981 - June 1983, Associate Professor of Immunology and Infectious Diseases, The Johns Hopkins University School of Hygiene and Public Health, Baltimore, Maryland.

LICENSURE

- Texas, June 28, 1983 (current through 08-31-00).
- Maryland, July 20, 1978 (inactive after 1991).
- California, July 8, 1971 (inactive after 1987).

CERTIFICATION

- National Board of Medical Examiners, 1970.
- American Board of Psychiatry and Neurology, 1975.

CURRENT HOSPITAL AFFILIATIONS

- Hermann Hospital, Neurology Active Staff.

PROFESSIONAL ORGANIZATIONS

- American Academy of Neurology, 1971- (Fellow 1980).
- American Academy for the Advancement of Science, 1973-, Fellow 1996-.
- San Francisco Neurology Society, 1973-1978.
- American Association of Neuropathologists, 1976-1989.
- American Society for Microbiology, 1976-.
- American Neurological Association, 1978-.
- Maryland Neurological Society, 1978-1983.
- Texas Medical Association, 1984-.
- American Society for Clinical Investigation, 1984- (Fellow 1990).
- American Society for Virology, 1984-.
- Houston Neurological Society, 1984-.
- Texas Neurological Society, 1985-.
- Harris County Medical Society, 1986-.
- ASENT, American Society for Experimental Neuro Therapeutics, 2000-.

CONSULTANTSHIPS

- Carter Wallace, Inc., 1991-1992.
- 4-aminopyridine Multiple Sclerosis Treatment Trial Medical Advisory Group - Élan Pharmaceuticals Research Corporation, 1991 - 1996.

Multiple Sclerosis Treatment Medical Advisory Board - Sandoz Pharmaceuticals, 1993.
 Consultant, Berlex Laboratories, 1993 - .
 Speakers Bureau, Health Science Communications, Inc., 1994 - .
 Advisory Board - Biogen, 1994 - .
 Clinical Advisory Committee - Viragen, Inc., 1994 - 1999.
 Co-Chairman, Linomide Multicenter Trial Executive Committee, Pharmacia, 1994 - 2000.
 Member, Independent Monitoring Board, Berlex Secondary Progressive Multiple Sclerosis Treatment Trial, 1995 - 2000.
 Multiple Sclerosis Advisory Board, Zeneca Pharmaceuticals, 1995.
 Multiple Sclerosis Consultant, Icos Corporation, 1995 - 2001.
 MRI and Clinical Trials Consultant, TEVA Pharmaceuticals, 1995 - .
 Member, Data Safety Monitoring Board, Serono European and Canadian Relapsing-Remitting and Secondary Progressive Multiple Sclerosis Treatment Trials, 1995 - 2000.
 Member, Organizing Committee, Steering Committee (Clinical and MRI Subcommittees) and Data Safety Monitoring Board, TEVA European and Canadian MRI Outcome Trial of Copolymer 1 in Relapsing-Remitting Multiple Sclerosis, 1995 - 2000.
 Chair, Organizing Committee, TEVA Neurosciences PROMiSe Trial of Glatiramer Acetate in Primary Progressive Multiple Sclerosis, 1996 - 2004.
 Member, Organizing Committee, Steering Committee (Clinical and MRI Subcommittees), TEVA Coral Study Trial of Oral Copolymer 1 in Relapsing-Remitting Multiple Sclerosis, 1998 - 2002.
 Multiple Sclerosis Consultant, Roche Pharmaceuticals, 1997.
 Multiple Sclerosis Consultant, Boehringer Ingelheim, 1997.
 Clinical Advisory Committee, Anergen, 1997 - .
 Multiple Sclerosis Consultant, Athena Neurosciences, Inc., 1998.
 Multiple Sclerosis Consultant, Merck-Medco Managed Care, LLC, 1998 - .
 Multiple Sclerosis Consultant, Angiotech Pharmaceuticals, 1998 - 2002.
 Multiple Sclerosis Consultant, Astra Pharmaceuticals, LP, 1998.
 Multiple Sclerosis Consultant, Schering-Plough Research Institute, 1998.
 Multiple Sclerosis Consultant, The RW Johnson Pharmaceutical Research Institute, 1998.
 Multiple Sclerosis Consultant, Genentech, Inc., 1999 - .
 Multiple Sclerosis Consultant, Bayer Corporation, 1999 - .
 Member, CNS Advisory Board, AstraZeneca, LP, 1999 - .
 Multiple Sclerosis Consultant, Mellenium, 2000 - .
 Multiple Sclerosis Consultant, Protein Design Laboratories, 2000 - .
 Multiple Sclerosis Consultant, Wyeth-Ayerst Pharmaceuticals, Inc., 2000 - .
 Multiple Sclerosis Consultant, Amgen, Inc., 2001 - .
 Multiple Sclerosis Consultant, Bristol-Myers Squibb Company, 2001 - .
 Multiple Sclerosis Consultant, Cromedica, 2001 - .
 Multiple Sclerosis Consultant, Human Genome Sciences, Inc., 2002 - .
 Multiple Sclerosis Consultant, Serono, 2000 - .

HONORS AND AWARDS

Phi Eta Sigma, 1963.
 Alpha Omega Alpha, 1968.
 David M. Olkon Scholarship, 1968-1969.
 Basil O'Connor Starter Research Grant, The National Foundation March of Dimes, 1975-1978.
 National Institutes of Health Research Career Development Award (1-K04-NS00443), 1979-1983.
 University of Texas Medical School Dean's Teaching Excellence List, 1984-1985
 University of Texas Medical School Dean's Teaching Excellence List, 1985-1986
 University of Texas Medical School Dean's Teaching Excellence List, 1987-1988
 University of Texas Medical School Dean's Teaching Excellence List, 1988-1989
 University of Texas Medical School Dean's Teaching Excellence List, 1990-1991
 University of Texas Graduate School of Biomedical Sciences Dean's Teaching Award, 1992-1993
 University of Texas Medical School Dean's Teaching Excellence List, 1993-1994
The Best Doctors in America, Lucy Stec, editor, Woodward/White, Inc., 1992, 1994, 1996, 1998, 2000
 American Men & Women of Science
 Marquis *Who's Who in the South and Southwest* - 1995 and subsequent editions
 International Who's Who in Medicine, Second Edition
 Marquis *Who's Who in the World* - 1996
 Marquis *Who's Who in Medicine and Health Care*, First Edition and subsequent 1997, 2002
The Best Doctors in America: Central Region 1996-1997, Steven W. Naifeh, editor, Woodward/White, Inc.
 Fellow, American Academy for the Advancement of Science, 1996.
 Co-chair, Multiple Sclerosis: Clinical Issues and Decisions, Summer Conference, San Francisco.
 McEwan Visiting Professorship and Lecturer, University of Toronto, October 23-24, 1997.
 Strathmore's *Who's Who 2000-2001*, Millennium Edition.
International Who's Who of Professionals, 2000.
 Castle Connolly *America's Top Doctors, Premier Edition*, 2001, second edition, 2002.
 Marquis *Who's Who in America* - 2002.

COMMITTEES

Scientific Program Committee, American Academy of Neurology, 1979-1981.
 Constitution Committee, American Association of Neuropathologists, 1978-1981.
 Neurology Resident Selection Committee, Johns Hopkins Hospital, 1979-1982.
 Awards Committee, American Association of Neuropathologists, 1981-1983.
 National Multiple Sclerosis Society Working Group on Trials of New Drugs in MS, 1982-1986.
 National Multiple Sclerosis Society Medical Advisory Committee on Trials of New Drugs in MS, 1986-2004; Chairman 1986-1989.

Medical Advisory Board, Southeast Texas Chapter Multiple Sclerosis Society, 1983- ,
Chairman, 1986-1989.

University of Texas Medical School Biohazards Committee, 1983-1990; Chairman 1986-1990.

Medical Advisory Board, Southwest Regional Guillain-Barre Society, 1984-.

Ad Hoc Member National Institutes of Health Study Sections in Experimental Virology, Pathology A, Immunology A.

National Institutes of Health Site Visit Team Member NINCDS.

National Institutes of Health Special Review Committee Member NINDS.

National Multiple Sclerosis Society Working Group on Neuroimaging, 1985-1986.

University of Texas Medical School Self Study Subcommittee on Education, 1985.

National Institutes of Health Immunological Sciences Study Section Member, 1985-1989.

Southeast Texas Chapter Multiple Sclerosis Society, Board of Trustees, 1986-1989.

University of Texas Health Science Center Scientific Council, 1986-1990.

University of Texas Medical School Self Internal Review Committee on the Department of Internal Medicine, 1986-1987.

American Neurological Association Joint Advisory Committee of the Annals of Neurology, 1987-1993; Chairman 1991-1993.

National Multiple Sclerosis Society Clinics Committee, 1987-1991.

National Multiple Sclerosis Society Medical Advisory Board and Medical Advisory Board Executive Committee, 1988-2005.

Member at large, International Medical Advisory Board, International Federation of Multiple Sclerosis Societies, 1988-.

National Institutes of Health Reviewers Reserve, 1989-1993.

University of Texas Health Science Center Biohazards Committee, 1989-1992; Chairman 1986-1990.

University of Texas Health Science Center Faculty Development Leave Committee, 1989-1990.

University of Texas Medical School Faculty Development Leave Committee, Chairman 1989-1990.

University of Texas Medical School, Department of Neurology Residency Program Coordinator 1989-1990.

Program Director, Multiple Sclerosis Update 1989, Continuing Education Course of the University of Texas Medical School at Houston.

University of Texas Medical School Faculty Appointments, Promotions and Tenure Committee, 1990-1997; 2000-.

Corresponding reviewer, Human Frontier Science Program 1990, 1991, 1992, 1994, 1996.

Member-at-large, University of Texas Medical School Research and Development Program (MSRDP) Committee, 1991-1993.

Measles Consultation Group, National Institute of Allergy and Infectious Diseases, Division of Microbiology and Infectious Diseases, 1991.

Abstract Reviewer and Chair Neurovirology III Session, American Academy of Neurology, 1991.

Program Director, Multiple Sclerosis Update Series 1991, Continuing Education Course of the University of Texas Medical School at Houston.

Abstract Reviewer and Chair CNS Infections Session, American Academy of Neurology, 1992.

Executive Committee for the Neuroscience Research Center, University of Texas Health Science Center at Houston, 1992-1997.

National Institutes of Health Special Emphasis Review Panel Member NINCDS, 1992.

National Multiple Sclerosis Society Scientific Peer Review Committee "B", 1993-1998.

National Institutes of Neurological Disorders and Stroke, Board of Scientific Counselors, Ad Hoc Member, 1992.

University of Texas Medical School Internal Review Committee on the Department of Neurobiology and Anatomy, 1992-1993; 2000-2001.

Member, Scientific Advisory Committee, The University of Texas Clinical Research Center at Hermann Hospital, 1993-; Chair 1996-1998.

Co-Program Director, Multiple Sclerosis Update Series 1993, Continuing Education Course of the University of Texas Medical School at Houston.

Annual Meeting Plenary Program Committee, American Neurological Association, 1993-1995.

University of Texas Health Science Center Scientific Review Committee, 1994- 2000.

Chairman, University of Texas Medical School, Internal Review Committee on the Department of Internal Medicine, 1995.

Co-Program Director, Multiple Sclerosis Update 1995, Continuing Education Course of the University of Texas Medical School at Houston.

Steering Committee and Program Committee, Americas Committee for Trial and Research in Multiple Sclerosis, 1996 - .

Member, International Working Party on the Use of Magnetic Resonance in Multiple Sclerosis, 1997-.

Member, Indoor Air Quality and Cladding Task Force Committee, The University of Texas Medical School, 1997- .

Long Range Planning Committee, American Neurological Association, 1998 - 2000.

University of Texas Medical School, Six-Year Review Committee Member, 1999.

Scientific Program Advisory Committee, European Committee for Trial and Research in Multiple Sclerosis, 1999, Basel.

National Multiple Sclerosis Society Research Programs Advisory Committee, 2000-2003.

Guest Expert - FDA Peripheral and Central Nervous System Advisory Committee, 2000.

Member - FDA Peripheral and Central Nervous System Advisory Committee, 2001 - 2005.

Scientific Program Advisory Committee, European Committee for Trial and Research in Multiple Sclerosis, 2001, Dublin.

Dystel Award Subcommittee, American Academy of Neurology, 2001 - 2003.

Member – Scientific Oversight Committee and Chair MRI Working Group, The Sylvia Lawry Centre for Multiple Sclerosis Research, München, 2000 - 2005.

EDITORIAL POSITIONS

Editorial Board, Annals of Neurology, 1980 - 1987.

Editorial Advisory Board, Critical Reviews in Clinical Neurobiology, 1983 - 1988.
Editorial Board, Multiple Sclerosis: Clinical and Laboratory Research, 1994 - .
Editorial Board, Journal of Neurovirology, 1994 - 1996.
Associate Editor, Scientific American Medicine, 1995 - .
Frequent Ad Hoc Reviews for Annals of Neurology, Archives of Neurology, Archives of Virology, Brain, Clinical Microbiology Reviews, FASEB Journal, Journal of General Virology, Journal of Infectious Diseases, Journal of Neuroimmunology, Journal of Neurology, Neurosurgery and Psychiatry, Journal of Neuropathology and Experimental Neurology, Journal of Virology, Mayo Clinic Proceedings, Neurology, New England Journal of Medicine, Science, Southern Medical Journal, Virology, Virology Research.

CURRENT GRANTS

PRINCIPAL INVESTIGATOR

Clayton Foundation for Research: Viral mimicry and multiple sclerosis, 1/01/93 - 12/31/02.

TEVA Neurosciences: Protocol 01-9004, Open label study to evaluate the safety of Copaxone[®] and to monitor the neurologic course of disease in multiple sclerosis patients treated with Copaxone[®]: MRI Analysis Center; 04/01/98 - 10/31/02.

TEVA Neurosciences: Protocol 01-9008, A multinational, multicenter, double-blind, placebo controlled study to evaluate the efficacy, tolerability and safety of glatiramer acetate in primary progressive multiple sclerosis patients: Program director and MRI Analysis Center.

Wyeth-Ayerst Pharmaceuticals, Inc.: Protocol J695, Randomized, double-blind, placebo controlled, multiple ascending dose safety, tolerability and magnetic resonance imaging study of J695 in patients with multiple sclerosis: MRI Analysis Center; 3/05/02 - 3/04/03.

CO-INVESTIGATOR

National Institutes of Health: Combination therapy in multiple sclerosis (1 R21 NS41986-01), 07/01/01 - 06/30/02; Dr. Fred Lublin is the principal investigator.
National Multiple Sclerosis Society (RG 3163A8-1): Antibiotic treatment trial directed against *C. pneumoniae* in MS, 10/01/00 - 09/30/02;

National Institutes of Health: Serial spectroscopy and imaging of multiple sclerosis (RO1-NS31499), 04/01/93 - 03/31/03; 1

TEVA Neurosciences: Open label study to evaluate the safety of Copaxone[®] and to monitor the neurologic course of disease in multiple sclerosis patients treated with Copaxone[®]; 04/01/98 - 03/31/02; (subcontract through University of Maryland);

TEVA Neurosciences: Protocol 01-9008, A multinational, multicenter, double-blind, placebo controlled study to evaluate the efficacy, tolerability and safety of glatiramer acetate in primary progressive multiple sclerosis patients. 04/01/99 - 03/31/02; .

Biogen, An Open label safety extension study of AVONEX (Interferon beta 1a) treatment in subjects who completed Biogen studies C95-812, C96-823, or C97-830. 08/01/00 - 07/31/02;

Wyeth-Ayerst Pharmaceuticals, Inc.: Protocol J695, Randomized, double-blind, placebo controlled, multiple ascending dose safety, tolerability and magnetic resonance imaging study of J695 in patients with multiple sclerosis; 3/05/02 - 3/04/03;

PREVIOUS GRANTS

PRINCIPAL INVESTIGATOR

VAH Career Development Award-Research Associate: Pathogenesis of Viral Related Diseases (RA-793), 7/75-6/78.

National Foundation - March of Dimes: Basil O'Connor Starter Research Grant: Pathogenesis of the Late Onset Progressive Rubella Panencephalitis Syndrome (5-63), 9/75-6/78.

VAH-BIS: Pathogenesis of Viral Related CNS Diseases (MRIS 9510), 7/76-6/78.

National Foundation - March of Dimes: Effects of Rubella Virus on Neural Tissues (1-642), 7/78-6/80.

National Institutes of Health: Neurovirulence and Persistence of Mumps Virus (1 RO1-A115721), 5/79-4/82.

United Cerebral Palsy Research and Educational Foundation: Pathogenesis of the Cerebral Palsy of Rubella Virus (R-319-84), 2/81-1/84.

United Cerebral Palsy Research and Educational Foundation: Pathogenesis of the Cerebral Palsy of Rubella Virus (R-319-84), 2/84-7/86.

National Institutes of Health: Immunoglobulin Access to Neoantigens on CNS Cells. (1 RO1 NS20352-01), 12/83-4/87.

National Multiple Sclerosis Society: Characterization of the Rubella Virus Receptor (RG 1855-A-1), 4/86-10/89.

National Multiple Sclerosis Society: MRI Techniques to Study the Stages of Disease Activity (PP0064), 9/88-12/89.

Sandoz Inc.: A Double-blind Multicenter Clinical Trial to Assess the Safety and Efficacy of Cyclosporine in the Treatment of Multiple Sclerosis, 1/85-12/90.

National Multiple Sclerosis Society: Non-lethal Mutations in PLP and Multiple Sclerosis (PP0162), 08/01/90-07/31/91.

Merck Sharp and Dohme: PCR Amplification of the Rubella Genome for Detection of Vaccine Persistence in Man, 8/01/89-04/30/93.

National Institutes of Health: Molecular Immune Response Determinants of Rubella Virus (RO1 AI26943), 6/01/89-12/31/94.

TEVA Pharmaceuticals: Copolymer I Therapy of Relapsing Multiple Sclerosis; 10/01/91-01/31/95 (subcontract through University of Maryland).

Athena Neurosciences: A multicenter, double-blind, randomized, placebo-controlled study to assess the efficacy and safety of Tizanidine and the relationship of plasma concentrations to the changes in muscle tone and common adverse events; 08/01/94-07/31/95.

Élan Pharmaceuticals Research Corporation: A Randomized, double-blind, placebo-controlled, titration study of Fampridine SR[®] administered BID to patients with multiple sclerosis; 09/01/94-08/31/95.

National Multiple Sclerosis Society: Does the CD3 gene differ in multiple sclerosis; 02/01/95-1/31/96.

Athena Neurosciences: A multicenter, open-label, long-term study to evaluate the safety of Tizanidine tablets in patients suffering from spasticity due to multiple sclerosis; 08/01/94-07/31/97.

Pharmacia: Magnetic resonance imaging analysis center for: A randomized, double-blind, placebo-controlled, phase 3 study of roquinimex (Linomide[®]) in secondary progressive multiple sclerosis; 08/01/95-04/01/98.

TEVA Pharmaceuticals: Open label study to evaluate the safety of Copaxone[®] and to monitor the neurologic course of disease in multiple sclerosis patients treated with Copaxone[®]; 08/12/94-03/31/98 (subcontract through University of Maryland).

ICOS Corporation: Clinical study protocol A960002i, phase 2 study of Hu23F2G in acute exacerbations of multiple sclerosis; 12/01/96-10/31/98.

ICOS Corporation: Clinical study protocol AMS05, phase 2 study of Hu23F2G in acute exacerbations of multiple sclerosis: MRI Analysis Center; 04/01/98 - 10/31/99.

Biogen: Protocol C97-830: A randomized, double-blind, placebo-controlled study to evaluate the efficacy of Avonex[®] in the treatment of secondary progressive multiple sclerosis; 06/01/98 - 05/31/00.

TEVA Pharmaceuticals: Preclinical studies of copolymer 1; 10/01/96 - 12/31/2000.

Biogen: CombiRx study of relapsing multiple sclerosis: MRI Analysis Center; 10/01/98 - 03/31/00.

Angiotech Pharmaceuticals: Clinical protocol 002-MPMS98-1, Micellar Paclitaxel for the treatment of secondary progressive multiple sclerosis: MRI Analysis Center; 07/21/98 - 06/30/01.

TEVA Marion Partners: CombiRx study of relapsing multiple sclerosis – Extension Study: MRI Analysis Center; 10/01/00 - 03/31/01.

CO-INVESTIGATOR

NINCDS: Virology-Immunology-Pathology of Neurological (T32-NS07073), 7/76-6/78.

United Cerebral Palsy Research and Educational Foundation: Effects of Perinatal Infections on the Developing Nervous System (R-230-76), 1/80-12/81.

NINCDS: Neurovirology and Immunology Training Grant (TS NS07000), 7/80-6/83.

NINCDS: Cellular Dysfunction Neurological Diseases (NS-15721-02) 1/81-12/83.

NINCDS: Plasmapheresis of Acute Guillain-Barre (NS17053) 12/80-11/83.

NIAID: Herpes Simplex Encephalitis Collaborative Study (AI-12667-UAB-82).

National Multiple Sclerosis Society: Magnetic Resonance Imaging in Chronic Progressive Multiple Sclerosis, 4/86-3/89

Retinitis Pigmentosa Foundation: The Role of Rubella Virus in Retinitis Pigmentosa, 7/89-6/90; .

National Institutes of Health: Purchase of a Laser Desorption/TOF Mass Spectrometer;

National Multiple Sclerosis Society: Proton Magnetic Resonance Spectroscopy and Imaging of Multiple Sclerosis (RG 2236-A-1), 10/01/90-09/30/92;

National Multiple Sclerosis Society: Spectroscopy and Imaging of Multiple Sclerosis (RG 2236-B-2), 10/01/92-09/30/95; Replaced by NIH award effective 04/01/93; .

Texas Higher Education Coordinating Board Advanced Research Program: Development of Advanced Magnetic Resonance Technology for the in vivo Evaluation of Neurologic Diseases (0116118072), 11/01/91-10/31/93;

Neurocrine Biosciences: Double-blind, randomized, placebo-controlled evaluation of the safety, tolerability and pharmacokinetics of nbi-577 in patients with multiple sclerosis, protocol 01; 09/01/96-08/31/98; .

Pharmacia: A randomized, double-blind, placebo-controlled, phase 3 study of roquinimex (Linomide®) in secondary progressive multiple sclerosis; 10/01/95-12/31/97;

National Institutes of Health: Oral IFN-: Biological effects in relapsing-remitting multiple sclerosis (RO1-NS35619), 04/01/97- 08/31/00; .

Serono, An open label, randomized, multicenter, comparative, parallel group study of Rebif® 44 mcg administered three times per week by subcutaneous injection, compared with Avonex® 30 mcg administered once per week by intramuscular injection in the treatment of relapsing-remitting multiple sclerosis. 12/01/99 - 02/01/02; .

A. REFEREED ORIGINAL ARTICLES IN JOURNALS

1. Shirley B, *Wolinsky JS*, Schwartz NB (1968) Effects of a single injection of an estrogen antagonist on the estrous cycle of the rat. *Endocrinology* **82**:959-968.
2. *Wolinsky JS*, Barnes BO, Margolis MT (1973) Diagnostic tests in normal pressure hydrocephalus. *Neurology* **23**:706-713.
3. *Wolinsky JS*, Baringer JR, Margolis G, Kilham L (1974) Ultrastructure of mumps virus replication in newborn hamster central nervous system. *Lab Invest* **31**:403-412.

4. Townsend JJ, *Wolinsky JS*, Baringer JR, Johnson PC (1975) Acquired toxoplasmosis: A neglected cause of treatable nervous system disease. *Arch Neurol* **32**:335-343.
5. Townsend JJ, Baringer JR, *Wolinsky JS*, Malamud N, Mednick JP, Panitch HS, Scott RA, Oshiro LS, Cremer NE (1975) Progressive rubella panencephalitis: Late onset after congenital rubella. *N Engl J Med* **292**:990-993.
6. Goldstein GW, *Wolinsky JS*, Csejtey J, Diamond I (1975) Isolation of metabolically active capillaries from rat brain. *J Neurochem* **25**:715-717.
7. *Wolinsky JS*, Gilden DH (1975) In vivo studies of parainfluenza I (6/94) virus: Mononuclear cell interactions. *Arch Virol* **49**:25-31.
8. Rorke L, Gilden DH, Wroblewska Z, *Wolinsky JS* (1976) Experimental panencephalitis induced in suckling mice by parainfluenza type I (6/94) virus: I. Clinical and pathological features. *J Neuropath Exp Neurol* **35**:247-258.
9. Gilden DH, Wroblewska Z, Chesler M, Wellish MC, Lief FS, *Wolinsky JS*, Rorke LS (1976) Experimental panencephalitis induced in suckling mice by parainfluenza type I (6/94) virus II. Virological studies. *J Neuropath Exp Neurol* **35**:259-270.
10. *Wolinsky JS*, Gilden DH, Rorke L (1976) Experimental panencephalitis induced in suckling mice by parainfluenza I (6/94) virus III. Ultrastructural features. *J Neuropath Exp Neurol* **35**:271-286.
11. *Wolinsky JS*, Klassen T, Baringer JR (1976) Persistence of neuro-adapted mumps virus in brains of newborn hamsters after intraperitoneal inoculation. *J Infect Dis* **133**:260-267.
12. *Wolinsky JS*, Kelly JM, Baringer JR (1976) Ultrastructure of mumps virus replication in organotypic cultures of hamster choroid plexus. *J Gen Virol* **30**:197-205.
13. Townsend JJ, *Wolinsky JS*, Baringer JR (1976) The neuropathology of progressive rubella panencephalitis of late onset. *Brain* **99**:81-90.
14. *Wolinsky JS*, Berg BO, Maitland CS (1976) Progressive rubella panencephalitis. *Arch Neurol* **33**:722-723.
15. Rand KH, Johnson KP, Rubinstein LB, *Wolinsky JS*, Penney JB, Walker DL, Padgett BL, Merigan TC (1977) Adenine arabinoside in the treatment of progressive multifocal leukoencephalopathy: Use of urine cytology to assess response to therapy. *Ann Neurol* **1**:458-462.
16. *Wolinsky JS*, Swoveland P, Johnson KP, Baringer JR (1977) Subacute measles encephalitis complicating Hodgkin's disease in an adult. *Ann Neurol* **1**:452-457.

17. Bogen C, Gilden DH, Wroblewska Z, *Wolinsky JS* (1977) Experimental infection of human leukocytes with parainfluenza 1 (6/94) virus. *Infect Immunity* **18**:501-508.
18. Goldstein GW, *Wolinsky JS*, Csejtei J (1977) Isolated brain capillaries: A model of lead encephalopathy. *Ann Neurol* **1**:235-239.
19. *Wolinsky JS*, (1977) Mumps virus induced hydrocephalus in hamsters: Ultrastructure of the chronic infection. *Lab Invest* **37**:229-236.
20. Wroblewska Z, Gilden DH, Wellish M, Rorke LB, Warren KG, *Wolinsky JS* (1977) Virus-specific intracytoplasmic inclusions in mouse brain produced by a newly isolated strain of Theiler's virus. I. Virology and morphologic studies. *Lab Invest* **37**:229-236.
21. *Wolinsky JS*, Stroop WG (1978) Virulence and persistence of three prototype strains of mumps virus in newborn hamsters. *Arch Virol* **56**:355-359.
22. Gilden DG, Wroblewska Z, Kindt V, Warren KG, *Wolinsky JS* (1978) Varicella-zoster infection of human brain cells and ganglion cells in tissue culture. *Arch Virol* **56**:101-118.
23. *Wolinsky JS*, Dau PC, Buimovici-Klein E, Mednick JP, Berg BO, Lange PB, Cooper LZ (1979) Progressive rubella panencephalitis: Immunovirologic studies and results of isoprinosine therapy. *Clin Exp Immunol* **35**:297-303.
24. Penney JP, *Wolinsky JS* (1979) Neuronal and oligodendroglia infection by the WW strain of Theiler's virus. *Lab Invest* **40**:324-330.
25. Silbergeld EK, *Wolinsky JS*, Goldstein GW (1980) Electron probe microanalysis of isolated brain capillaries poisoned with lead. *Brain Res* **198**:369-376.
26. Parhad IM, Johnson KP, *Wolinsky JS*, Swoveland P (1980) Measles retinopathy. A hamster model of acute and chronic lesions. *Lab Invest* **43**:52-60.
27. Coyle PK, Brooks BR, Hirsch RL, Cohen SR, O'Donnell P, Johnson RT, *Wolinsky JS* (1980) Cerebrospinal fluid lymphocyte populations and immune complexes in active multiple sclerosis. *Lancet* **2**:229-232.
28. *Wolinsky JS*, Ellenbogen K, Chang R, Cantrell BB (1980) Herpes simplex encephalitis. *Johns Hopkins Med J* **147**:157-163.
29. Parhad IM, Johnson KP, *Wolinsky JS*, Swoveland P (1981) Encephalitis after inhalation of measles virus. A pathologic study in hamsters. *Ann Neurol* **9**:21-27.
30. Bowman PD, Betz AL, Ar D, *Wolinsky JS*, Penney JB, Shivers RR, Goldstein GW (1981) Primary culture of capillary endothelium from rat brain. *In Vitro* **17**:353-362.

31. Coyle PK, *Wolinsky JS* (1981) Characterization of immune complexes in progressive rubella panencephalitis. *Ann Neurol* **9**:557-562.
32. Narayan O, Clements JE, Griffin DE, *Wolinsky JS* (1981) Neutralizing antibody spectrum determines the antigenic profiles of emerging mutants of visna virus. *Infect Immunity* **32**:1045-1050.
33. Merz DC, *Wolinsky JS* (1981) Biochemical features of mumps virus neuraminidases and their relationship with pathogenicity. *Virology* **114**:218-227.
34. McCarthy M, *Wolinsky JS*, Lazzarini RA (1981) A persistent infection of Vero cells by an egg-adapted mumps virus. *Virology* **114**:343-356.
35. Wroblewska Z, Wellish MC, *Wolinsky JS*, Gilden D (1981) Comparison of human cytomegalovirus growth in MRC-5 human fibroblasts, brain and choroid plexus cells *in vitro*. *J Med Virol* **8**:245-256.
36. Server AC, Merz DC, Waxham MN, *Wolinsky JS* (1982) Differentiation of mumps virus strains using monoclonal antibody to the HN glycoprotein. *Infect Immunity* **35**:179-186.
37. *Wolinsky JS*, Jubelt B, Burke S, Narayan O (1982) The hematogenous origin of the inflammatory response in acute poliomyelitis. *Ann Neurol* **11**:58-68.
38. Townsend JJ, Stroop WG, Baringer JR, *Wolinsky JS*, McKerrow JJ, Berg BO (1982) Neuropathology of progressive rubella panencephalitis after childhood rubella. *Neurology* **32**:185-190.
39. *Wolinsky JS*, Waxham MN, Hess JL, Townsend JJ, Baringer RJ (1982) Immunochemical features of a case of progressive rubella panencephalitis. *Clin Exp Immunol* **48**:359-366.
40. Poduslo S, Miller K, *Wolinsky JS* (1982) The assembly of a unique membrane by purified oligodendroglia maintained in culture. *Exp Cell Res* **137**:203-215.
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